

## IN THE UNITED STATES PATENT &amp; TRADEMARK OFFICE

Appln. Ser. No.:	Filed:	Inventor(s):	Atty Dkt:
09/199,127	24 Nov. 1998	M. Addis <i>et al.</i>	1633-012B
Title: Brush-Seal Designs for Elastic Fluid Turbines			
Examiner: C. Vaterlaus			Art Unit: 3627

Asst. Comm'r for Patents  
Washington, D.C. 20231-0001

**Official**

7 Pages Total VIA FACSIMILE  
703-305-3597

**Supplemental Response and Amendments under 37 C.F.R. § 1.111 and § 1.115**

Dear Sir:

In supplement to Applicants' response filed 16 March 2000, please first amend the subject application as follows:

**IN THE SPECIFICATION:**

✓ Page 34, line 31, change "jount" to -joint-.

**FAX RECEIVED**

MAY 23 2000

**GROUP 3600****IN THE CLAIMS:**

10. (Twice amended.) A packing ring for use in forming a seal with a turbine shaft rotatably mounted within the casing of an axial flow elastic fluid turbine, wherein said axial flow elastic fluid turbine includes at least one stage having (i) at least one diaphragm stationarily mounted in said casting and having a plurality of steam directing nozzles, and (ii) a rotor fixedly attached to said turbine shaft and having a plurality of blades bounded by a shroud and disposed adjacent said plurality of steam directing nozzles, said packing ring comprising a plurality of packing ring segments, each said packing ring segment being mounted in a groove circumferentially in said diaphragm for forming a seal with said turbine shaft;

each said packing ring segment including